Association for Iron & Steel Technology

Foundation

Information
Our Mission

To ensure the iron and steel industry of tomorrow will have a sufficient number of qualified professionals.

The AIST Foundation awards more than US$1,000,000 annually to develop the steel industry’s next generation.
The steel industry’s workforce is retiring at an alarming rate. To sustain a pipeline of qualified engineers and scientists to fill this void, the AIST Foundation is working with the industry to attract young, technology-oriented professionals to its ranks.

With strong industry support and philanthropy, the Foundation funds initiatives to promote the steel industry as a viable and rewarding career choice for young engineers. These initiatives include scholarships, internships, training programs, events and contests for students; and faculty grants, awards and programs for professors.

“I am thankful to Steel Dynamics for giving me the opportunity to learn so much about the steelmaking process, and engineering in general. It was an incredibly valuable experience for me. I truly learned a lot.”

Benson Pulver, Steel Dynamics Inc. – Structural and Rail Division
“This internship has allowed me to gain a better understanding of steelmaking and mill operations, expand my skills in the field of metallurgical engineering, and explore opportunities in the steel industry. My time at SSAB was an incredibly valuable experience.”

Nathan Woodward, SSAB Americas

What Is the AIST Foundation?
The AIST Foundation is a Pennsylvania-based 501(c)(3) non-profit corporation organized for charitable, education and scientific purposes. The Foundation works closely with the Association for Iron & Steel Technology (AIST).

What Does the Foundation Do?
Foundation programs attract technology-oriented professionals to the steel industry by educating the public about the high-tech, diverse and rewarding nature of careers in steel manufacturing.

How Is the Foundation Funded?
All Foundation programs rely on corporate and individual gifts, association support, and financial revenue from its endowment. All donations are tax-deductible where permitted by law.

Who Manages the Foundation?
The activities, properties and affairs are managed by a Board of Trustees consisting of 14 AIST members appointed by the AIST Board of Directors.
The AIST Foundation works to improve the perception of the steel industry by making students, professors and the general public aware that today’s steel industry is technologically advanced, environmentally aware and safety conscious.

By supporting the education of our next generation, we are building a long-term workforce that is well-trained, skilled and dedicated to the needs of tomorrow’s steel industry.
AIST Foundation scholarships are awarded on an annual basis to talented and dedicated students to encourage them to pursue careers within iron- and steel-related industries. Visit AIST.org/internships to apply.

Get Rolling

Steel Intern Scholarships
Up to 50 one-year US$7,500 scholarships, including a paid internship.

Premier Intern Scholarship
The top-scoring applicant will be awarded a one-year US$12,000 scholarship, including a paid internship.

Don B. Daily Safety Steel Intern Scholarship
Up to two one-year US$7,500 scholarships, including a paid internship.
Student Programs

Steel to Students Training Program
The Steel to Students Training Program provides financial assistance for postsecondary vocational/technical school students, undergraduate and graduate-level students, and professors to attend AIST’s Technology Training events and AIST Member Chapter annual meetings. The program provides students with increased opportunities to learn firsthand from steel industry leaders.

Student Events
Each year at major industry events such as AISTech and MS&T (Materials Science & Technology), the AIST Foundation sponsors programming to provide students a window into career opportunities in the steel industry.

Student Contests
The Undergraduate Student Project Presentation and Graduate Student Poster contests offer university students the opportunity to present their research to conference attendees. The Real Steel Video Contest engages high school and university students in researching and promoting the industry.

Plant Tours
A student plant tour is offered at a location near AISTech and MS&T. In addition, the AIST Foundation provides up to US$1,500 in travel reimbursement to groups interested in touring a nearby steel plant.

Member Chapter Scholarships
AIST’s 22 Member Chapters administer more than US$160,000 in annual scholarships for qualified individuals within their regions. There are over 60 scholarships available. Visit AIST.org/MemberChapters for a list of available scholarships in your region.

Endowment Scholarships
Students attending the following schools may apply at their institution directly for the AIST scholarships listed below.

- AIST Farrington Memorial Scholarship
  Awarded by the Rose-Hulman Institute of Technology.

- AIST Madsen Scholarship
  Awarded by the Massachusetts Institute of Technology (MIT).

- AIST Morrow Scholarship
  Awarded by the University of Pennsylvania.

- Lewis E. and Elizabeth W. Young Scholarship (AIME)
  Applies to students in the Western Pennsylvania, Virginia or West Virginia areas.
The AIST Foundation’s faculty grants and programs are designed to promote industry awareness and increase the number of engineering faculty with a vested interest in the iron and steel industry, as well as expand the number of engineering students interested in pursuing a career in the iron and steel industry.

The programs include grants for individual professors and team activities on both broad industry topics and specific concerns, direct collaboration with steel industry companies, and discounts to boost university involvement at AIST events.
“Throughout my time at Vulcraft Indiana, I had the opportunity to immerse myself in understanding the product, which was a great experience in itself. As my internship concluded, I had no doubt in my mind that I wanted to pursue a career in the steel industry.”

Jack Doll, Nucor-Vulcraft
We Need Your Help!

The AIST Foundation continues to advance new and exciting programs to enable the steel industry to meet the challenges of the future. Through strong industry support, the AIST Foundation awards in excess of US$1,000,000 each year in support of its mission to ensure the iron and steel industry of tomorrow will have a sufficient number of qualified professionals.

Please consider making a donation today by visiting AISTFoundation.org or contacting us at +1.724.814.3000, ext. 1.

US$200,000+ Pledge Club

CLIFFS
CLEVELAND-CLIFFS INC.

Steel Dynamics, Inc.

NUCOR

U. S. Steel

US$100,000+ Pledge Club

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ATI

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SSAB

The Systems Group

Morgan Engineering
“I developed new skills as an engineer and the skills I already had improved drastically. While working on the plant floor to solve a project, I was able to understand and identify the galvanizing process, especially the zinc post and gas wiping system.”

Jorge Tapia-Juares, Ternium Mexico